

SOHLER

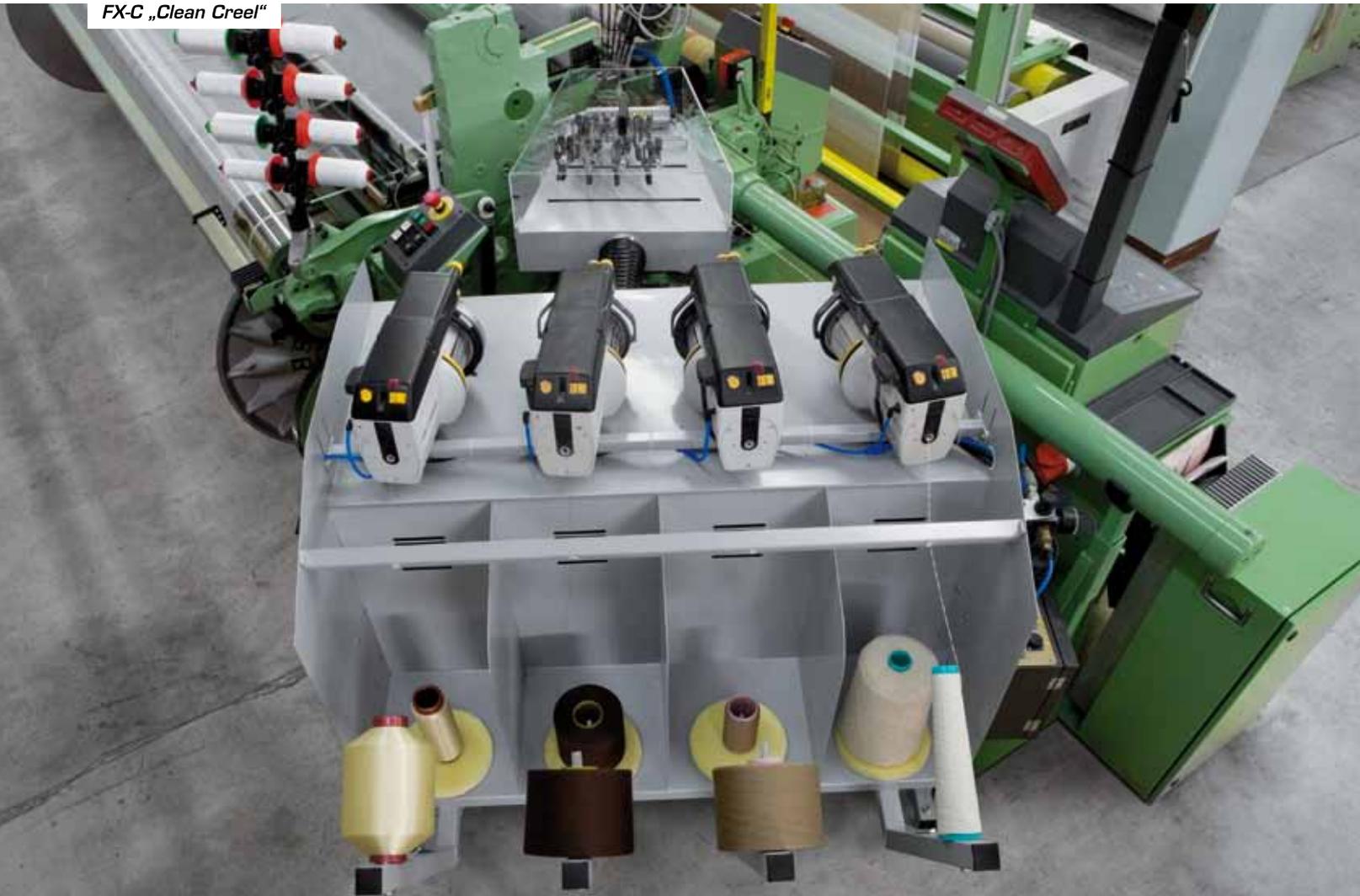
NEUENHAUSER

NEW PRODUCTS

FX-Systems

FX-Systems is the logical extension of our existing product programme, as a result of which we are now able to offer you an even larger selection of specific solutions for selective removal of dust and fibres during the weaving process. It makes no difference whether initial equipping of machinery or retrofitting of existing machinery is involved. The name **FX-Systems** is derived from the term Fibre Extraction.

FX-C „Clean Creel“



The well-optimised gathering of dust and waste fibre in the generating zones improves both processing performance and product quality.

Process Benefits

- | improved production machine efficiency
- | reduced maintenance costs
- | reduced quality inspection costs

Product Benefits

- | reduced waste related defects
- | reduced cross-contamination by foreign fibre
- | improved coating adhesion and quality for technical material pre-pregs

FX-E „Encap“





Fibre Extraction System FX-C, consisting of:

- I suction unit on rollers for up to 4 weft feeders and up to 8 bobbins
- I additional suction unit for weft tension devices and electronic weft break sensors (optional)
- I fan unit on roller frame, with silencer and filter bag



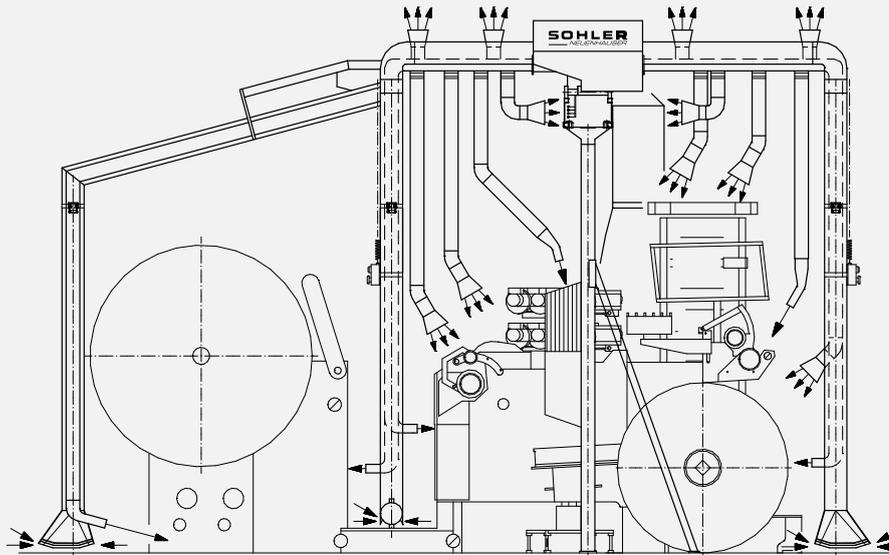
Fibre Extraction System FX-E, consisting of:

- I suction duct over shafts with transparent covers
- I pneumatic lifting device with both manual and automatic control
- I fan unit on roller frame, with silencer and filter bag

TRAVELLING CLEANER WEAVING

We have developed our cleaners specifically for modern high-performance weaving mills and, as to air and filter capacity, they were designed especially for this purpose. If you attach great importance to maximum improvement in quality and productivity, with a simultaneous reduction in operating costs, we are the right partner for you. Particular features of our units are:

- I low energy consumption
- I high blowing and suction efficiency
- I high filtering capacity
- I variably adjustable blowing nozzles
- I solid design



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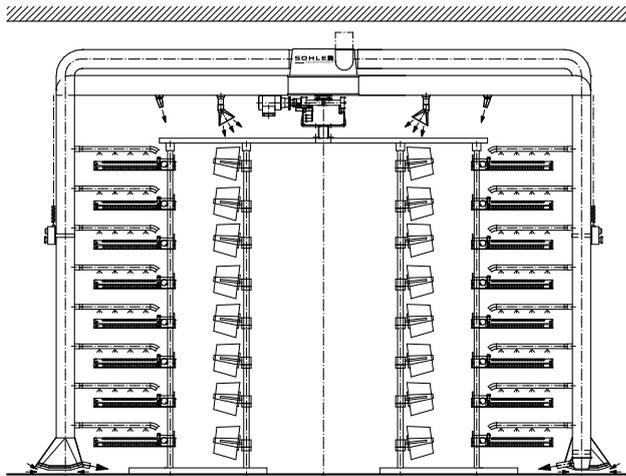




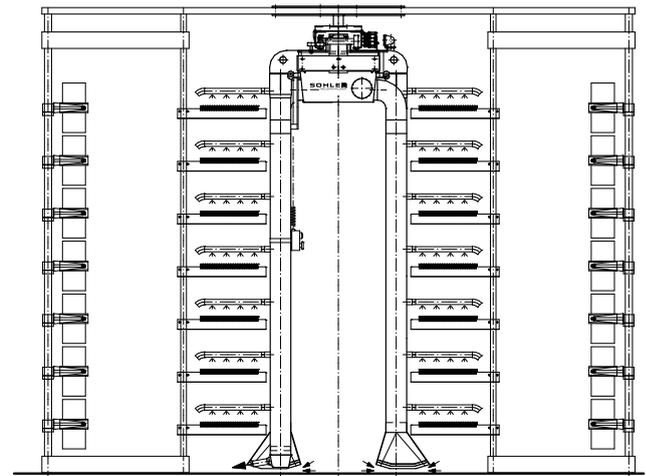
Especially for the planning of Jacquard weaving mills, it is important to have an experienced and competent partner in order to cover your individual needs and requirements.

Uniclean SZ-H

Our units have a wide range of applications. For instance cleaning systems are in high demand over warping and beaming creels where more dust and fly is generated due to the ever-increasing yarn take-up speeds.



Outside creel



Inside creel

TRAVELLING CLEANER SPINNING



Modern travelling cleaners over speed frames guarantee a high degree of cleanliness by providing continuous blowing and suction to the drafting system, flyer zone and floor, and consequently create the best possible conditions for regular roving. Moreover, the waste from the drafting system cleaning devices can be collected by the cleaner.



Uniclean F



Experience and knowledge gained from more than 60 years of textile machinery engineering have been incorporated into the development of the Unclean RS. The result is probably the most modern and most efficient unit of its class.

Features:

- | sturdy rail system
- | adjustable to all spinning, winding and twisting frames
- | central dust collection
- | user-friendly, low-maintenance
- | economical operation
- | highest safety in response to obstacles by automatic change of driving direction via blowing and suction tubes
- | whorl cleaner (optional)

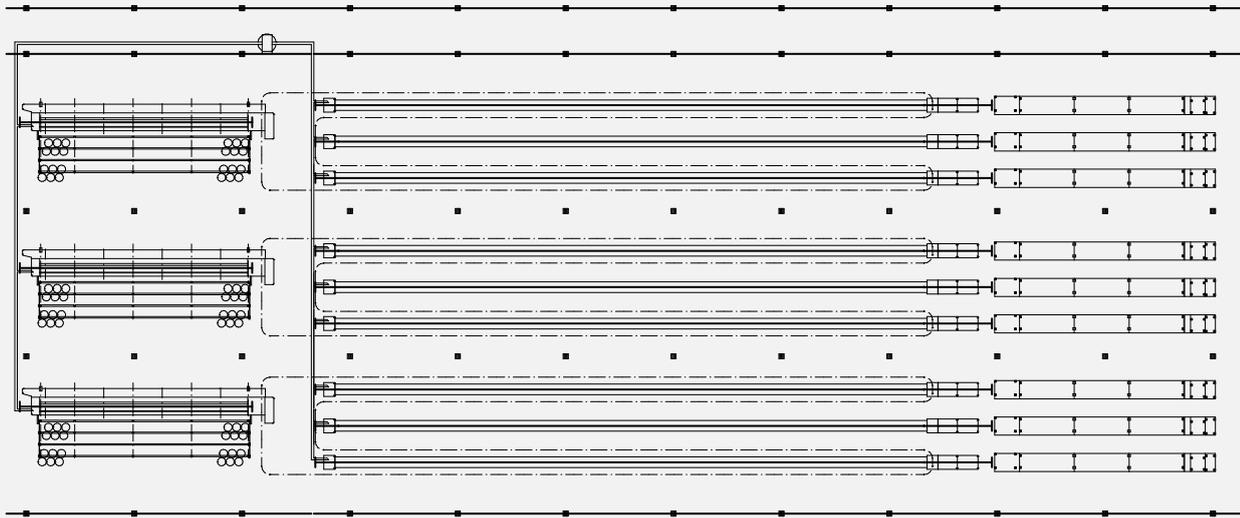




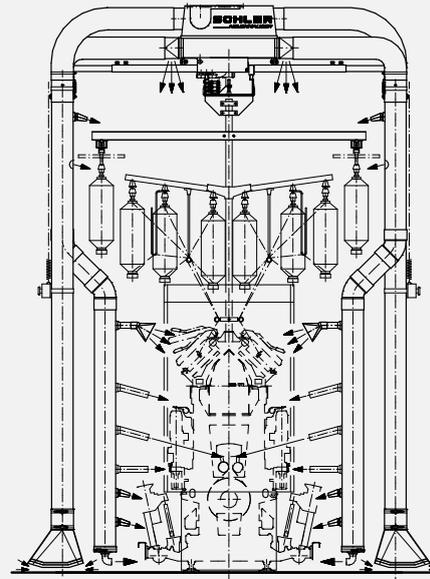
Unclean SZWS



The Unclean SZWS has been designed especially for ring spinning frames equipped with a cutting carriage for removal of underwound threads during the doff process. In the case of Zinser machines, the travelling cleaner runs in a synchronized manner with the whorl cleaning carriages, while the cut-off remaining threads are sucked up into the filter box of the cleaner. In the case of Marzoli machines, the cleaner docks onto the cutting carriage and moves it alongside the machine, while sucking the cut-off remaining threads simultaneously into the filter box of the cleaner.



We place considerable value on customer satisfaction. This is why you can always expect us to provide tailor-made solutions, accompanied by professional advice and support.



ROVING BOBBIN TRANSPORT SYSTEMS

Roving bobbin transport systems safeguard the yarn quality by the contact-free and pinpoint transport of the speed frame bobbins.

Regardless of whether it is installed with new equipment or retrofitted in existing spinning mills, Sohler-Neuenhauser always provides the correct solution for you.

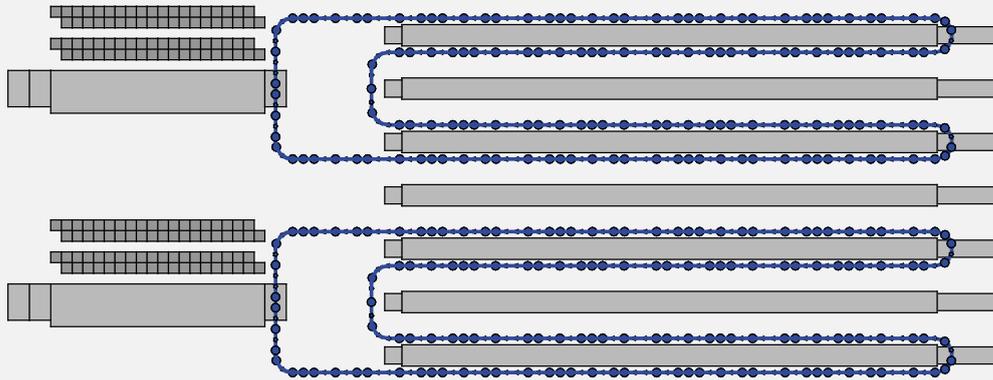
Advantages

- | contactless material transport
- | no mix-up of yarn qualities
- | relief from heavy lifting
- | reduced labour cost
- | complete control of material flow

Textra

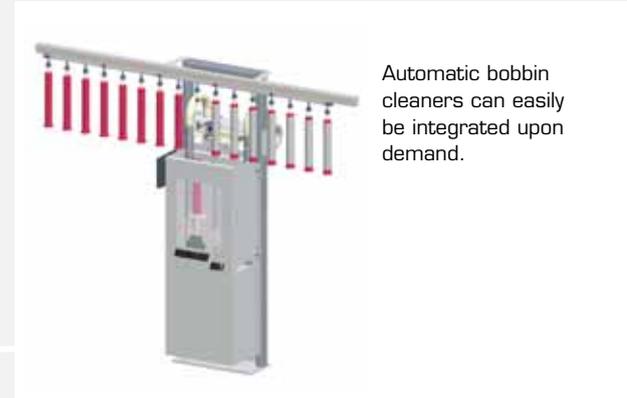
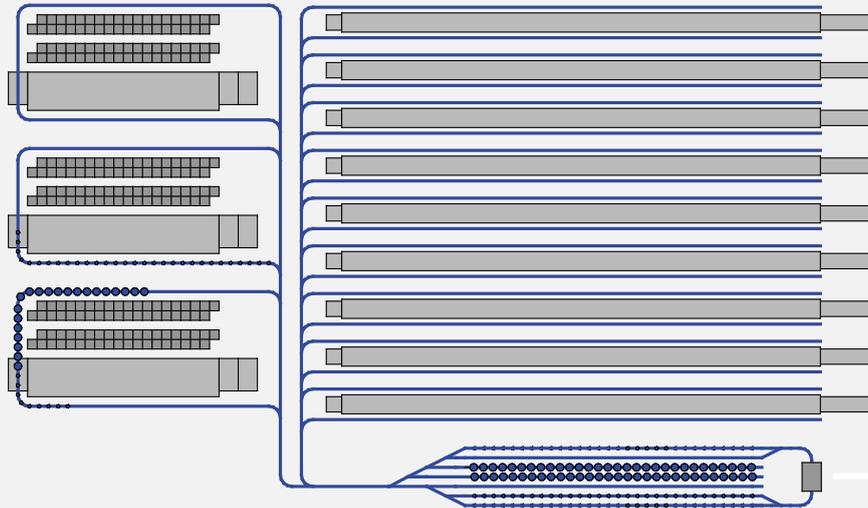






Fix-Link-System

An automatically operating circular conveyor continuously runs round one roving frame and a fixed assignment of spinning frames. The slow speed continuous conveyor is loaded with full bobbins at the roving frame. At the spinning frame, empty tubes from the creel are exchanged for full bobbins from the moving trolley.



Flexible-Link-System

With the flexible-link-system it is possible to transport different roving yarn qualities which are produced on the roving frames to any given spinning frame. A buffer serves for storing the trolley trains and is able to take up and manage different roving yarn qualities. The control system makes sure that the trolley train with the right roving yarn is sent to the designated spinning frame.



Track Profiles

The track is made of a high-strength aluminium profile, allowing large hanging span width. A small profile slot with dual separators guarantees a minimum of contamination.



Switches

By means of electro-magnetically operated switches, trolley trains can be routed in different directions.



Drives

The system is driven by three-phase motors with planetary gearing. A friction wheel with wear-resistant covering directly drives the trolley.



Additional Components

e.g. manual bobbin stripper, automatic bobbin cleaner from 1 spindle up to 12 spindles, automatic bobbin lifter/exchanger.

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— *NEUENHAUSER*

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